

PATENT CLAIMS

10/550812

Replaced by Art. 19 Annex Pt

1. Flat and low pourer-closure for composite packs or container openings, which are closed with a thick foil, comprising a bottom part (1), which, with the bottom side of its base plate (9), is intended to be welded or glued on a composite pack or thick foil, where the base plate (9) has a drain opening (34) and also an upwardly jutting projection (6,7,8), which surrounds this base plate (9) on the outside, and a molded cover (2), which can be swiveled through a hinge (5) towards the bottom part (1) for swiveling up and tightly swiveling down on the bottom part (1) with collar (23), running all around on the bottom side of the cover (2), which corresponds with the projection (6,7,8) on the bottom part (1), characterized in that on the base plate (9), in whose internal drain opening (34) a break off plate (13), with its outer edge following the inner edge (12) of the drain opening (34), is formed through minimum two material bridges (32), laid out as breaking points, whose bottom side is flush with the bottom side of the base plate (9).

2. Flat and low pourer-closure for composite packs or container openings, which are closed with a thick foil, according to Claim 1, characterized in that the break off plate (13) has a recess (17), in which at an edge position a tongue (18) is formed, at which the break off plate (13) can be torn off by breaking the material bridges (32) from the drain opening (34).

3. Flat and low pourer-closure for composite packs or container openings, which are closed with a thick foil, according to any of the previous Claims, characterized in that the break off plate (13) has a recess (17), in which at an edge position a tongue (18) is formed, at which the break off plate (13) can be torn off by breaking the material bridges (32) from the drain opening (34), wherein the tongue is provided with supporting ribs (19) at its length side so that it is held in the slanted up position in the drain opening (34).
4. Flat and low pourer-closure for composite packs or container openings, which are closed with a thick foil, according to any of the previous Claims, characterized in that the break off plate (13) is connected to the inner edge (12) of the drain opening (34) through four to six material bridges (32).
5. Flat and low pourer-closure for composite packs or container openings, which are closed with a thick foil, according to any of the previous Claims, characterized in that a bead (24) is formed along the length of the outer side of the collar (23) on the bottom side of the cover, said bead being ready for clicking-in behind a bead (25) when the cover is swiveled down, bead (25) being formed along the length of the inner side of the projection (6,7,8) on the bottom part (1) of the closure.
6. Flat and low pourer-closure for composite packs or container openings, which are closed with a thick foil, according to any of the

previous Claims, characterized in that the hinge (3) on cover (2) and bottom part (1) has two hinge levers (4) respectively, which between themselves open a free space (29), and that in this free space (29), a tooth (26) with sharp edge (27), which is formed at a back edge of the cover, projects and, while the cover (2) swivels shut, the tooth strikes against an extension (28), which projects in the free space (29) on the other side and is at the top outer edge of the projection (8) on the bottom part (1), wherein, under light elastic deformation of the tooth (26), the edge (27) of the tooth (26) can pass over or top the extension (28).

7. Flat and low pourer-closure for composite packs or container openings, which are closed with a thick foil, according to any of the previous Claims, characterized in that the cover (2) only is made up of a continuous cover plate, which is smooth and flat at top and has at its bottom side a collar (23), which is moved back inside opposite the cover edge and has a bead (24), which runs along the length of the collar side-wise from the outer side, and that at the front end of the cover (2), a holding strip (10), projecting downwards, is formed, which is two thirds to three quarter as high as the height of the projection (6,7,8) on the bottom part (1).

8. Flat and low pourer-closure for composite packs or container openings, which are closed with a thick foil, according to any of the previous Claims, characterized in that the bottom side of the bottom part (1) and the bottom side of the break off plate (13) are provided

with welding ridges (14, 15; 16, 32) as material for welding with the thick foil on that composite pack, with which the closure is to be fitted.

9. Flat and low pourer-closure for composite packs or container openings, which are closed with a thick foil, according to any of the previous Claims, characterized in that the projections (6,7,8) on the base plate (9) of the bottom part (1) are formed in to a pourer lip (30) at the front end of the bottom part (1), said pourer lip having a sharp break off edge (31).
10. Flat and low pourer-closure for composite packs or container openings, which are closed with a thick foil, according to any of the previous Claims, characterized in that the total height of the closure constitutes less than one tenth of its total and less than one third of its length.